APPENDIX D- Summary of Programmatic, Site-Specific, and Broad-Scale Actions.

Table D-1. Summary of programmatic actions and their linkage to recovery models, watershed processes, locations, and primary and secondary limiting factor hypotheses.

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#1	All Population Segments	Coastal	Coastal Strip/Nearshore	Implement ONP Wilderness Management Regulations to maintain and protect coastal processes.	Important data gap. No current hypothesis.	na	
PA#2	All Population Segments	Coastal	Coastal Strip/Nearshore	Implement Marine Sanctuary Management Plan to maintain and protect coastal processes.	Important data gap. No current hypothesis.	na	
PA#3	All Population Segments	Hydrology	All Tribs	Enforce State Water Right Laws that limit exempt wells to less than 5000gpd.	H#3 (Q)	na	
PA#4	All Population Segments	Hydrology	All Tribs	Enforce State Water Right Laws that limit the location of water withdrawals (i.e., illegal surface water diversions).	H#3 (Q)	na	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#5	All Population Segments	Hydrology	All Tribs	Enforce county zone laws limiting septic tanks that are hydrologically connected to water courses, (i.e., leach field draining directly into river).	H#3 (Q)	na	
PA#6	All Population Segments	Sediment	Ozette River Tribs	Implement FFA and State Lands HCP, including RMAPs.	H#2 (WQ)	H#1 (Pred) H#3 (Q) H#4 (Hab)	
PA#7	All Population Segments	Sediment	Ozette River Tribs	Hire additional regulatory staff to enforce EPA Clean Water Act, DOE Water Quality WACs, and DNR Water Quality WACs on all federal and private land within the Ozette Watershed.	H#2 (WQ)	H#1 (Pred) H#3 (Q) H#4 (Hab)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#8	All Population Segments	Sediment	Ozette River Tribs	Implement Clallam County noxious weed control program to eradicate non-native invasives. Reestablish native species more effective at protecting soil/banks.	H#2 (WQ)	H#1 (Pred) H#3 (Q) H#4 (Hab)	
PA#9	All Population Segments	Riparian/Floodplain	Ozette River	Implement ONP Wilderness Management Regulations to maintain and protect riparian processes.	H#3 (Q)	H#1 (Pred) H#2 (WQ) H#4 (Hab)	
PA#10	All Population Segments	Biological	Lake Ozette and Ozette River	Implement ONP and Makah Tribal fishing regulations that prohibit the harvest of Lake Ozette sockeye until numbers of returning adults are sufficient to allow for limited harvest.	Not currently limiting	NA	Need to develop future sockeye harvest scenarios.

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#11	All Population Segments	Biological	Ozette River, Ozette River Estuary, and Nearshore	Encourage the Makah Tribe to reinstate their traditional, treaty protected, rights to hunt for seals and sea lions in their Usual and Accustomed hunting and fishing area, consistent with applicable law.	H#1 (Pred)	NA	
PA#12	All Population Segments	Biological	Pacific Ocean and Strait of Juan de Fuca	NOAA, Tribes, WDFW, and ONP will monitor annual fishing regulations and continue to ensure that non-directed LOS fisheries have a negligible impact on LOS.	Not currently limiting	NA	
PA#13	All Population Segments	Thermal	Lake Ozette and Ozette River	Develop and implement local, regional, national, and global atmospheric anti-pollution program to reduce emissions of greenhouse gases.	H#2 (WQ)	H#3 (Q) H#5 (MS)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#6	Beach Spawners	Hydrology	Priority II and III Sub-Basins	Implement FFA and State Lands HCP, including RMAPs.	H#6 (BSH), H#9 (LL)	H#8 (WQ)	
PA#14	Beach Spawners	Hydrology	Priority II and III Sub-Basins	Implement Clallam County critical areas ordinance and storm water management rules.	H#6 (BSH), H#9 (LL)	H#8 (WQ)	
PA#6	Beach Spawners	Sediment	Priority II Sub-Basins	Implement FFA and State Lands HCP, including RMAPs.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)	
PA#7	Beach Spawners	Sediment	Priority II Sub-Basins	Hire additional regulatory staff to enforce EPA Clean Water Act, DOE Water Quality WACs, and DNR Water Quality WACs on all federal and private land within the Ozette Watershed.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#8	Beach Spawners	Sediment	Priority II Sub-Basins	Implement Clallam County noxious weed control program to eradicate non-native invasives. Reestablish native species more effective at protecting soil/banks.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)	
PA#8	Beach Spawners	Vegetation	All Tribs	Implement Clallam County noxious weed control program to stop of the spread of invasive species across the watershed.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)	
PA#16	Beach Spawners	Vegetation	Lake Ozette	Implement ONP noxious weed program.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)	
PA#17	Beach Spawners	Riparian	Lake Ozette	Implement ONP Wilderness Management Regulations to maintain, protect, and/or restore riparian processes.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#18	Beach Spawners	Riparian	Lake Ozette	Scenic or conservation easements	H#6 (BSH)	H#7 (Pred), H#10 (Comp)	
PA#10	Beach Spawners	Biological	Lake Ozette	Encourage the Makah Tribe to reinstate their traditional, treaty protected, rights to hunt for seals and sea lions in their Usual and Accustomed hunting and fishing area, consistent with applicable law.	H#7 (Pred)	H#6 (BSH)	
PA#6	Tributary Spawners	Habitat Connectivity	All Tribs	Implement FFA and State Lands HCP, including RMAPs.	Not currently limiting	NA	
PA#19	Tributary Spawners	Habitat Connectivity	All Tribs	Implement WDFW hydraulic code for fish passage.	Not currently limiting	NA	
PA#20	Tributary Spawners	Habitat Connectivity	All Tribs	Implement Clallam County road maintenance program.	Not currently limiting	NA	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#3	Tributary Spawners	Hydrology	Sockeye spawning tributaries	Enforce State Water Right Laws that limit exempt wells to less than 5000gpd.	H#15 (Q)	H#12 (Stab)	
PA#4	Tributary Spawners	Hydrology	Sockeye spawning tributaries	Enforce State Water Right Laws that limit the location of water withdrawals	H#15 (Q)	H#12 (Stab)	
PA#5	Tributary Spawners	Hydrology	Sockeye spawning tributaries	Enforce county zone laws limiting septic tanks that are hydrologically connected to water courses	H#15 (Q)	H#12 (Stab)	
PA#6	Tributary Spawners	Hydrology	Sockeye spawning tributaries	Implement FFA and State Lands HCP, including RMAPs.	H#15 (Q)	H#12 (Stab)	
PA#14	Tributary Spawners	Hydrology	Sockeye spawning tributaries	Implement Clallam County critical areas ordinance and storm water management rules.	H#15 (Q)	H#12 (Stab)	
PA#6	Tributary Spawners	Sediment	Sockeye spawning tributaries	Implement FFA and State Lands HCP, including RMAPs.	H#11 (TSH)	H#13 (WQ)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#7	Tributary Spawners	Sediment	Sockeye spawning tributaries	Hire additional regulatory staff to enforce EPA Clean Water Act, DOE Water Quality WACs, and DNR Water Quality WACs on all federal and private land within the Ozette Watershed.	H#11 (TSH)	H#13 (WQ)	
PA#8	Tributary Spawners	Sediment	Sockeye spawning tributaries	Implement Clallam County noxious weed control program to eradicate non-native invasives. Reestablish native species more effective at protecting soil/banks.	H#11 (TSH)	H#13 (WQ)	
PA#20	Tributary Spawners	Sediment	Big River	Implement Clallam County road maintenance program.	H#11 (TSH)	H#13 (WQ)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#21	Tributary Spawners	Sediment	Big River	Implement Natural Resources Conservation Service, Best Management Practices (NRCS BMPs) on agricultural lands.	H#11 (TSH)	H#13 (WQ)	
PA#22	Tributary Spawners	Sediment	Big River	Implement Natural Resources Conservation Service, Conservation Reserve Enhancement Program (NRCS CREP) on agricultural lands.	H#11 (TSH)	H#13 (WQ)	
PA#23	Tributary Spawners	Sediment	Big River	Implement and strictly enforce WDFW hydraulic code for gravel mining.	H#11 (TSH)	H#13 (WQ)	

Programmatic Actions	Recovery Model	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed	Additional Comments
PA#24	Tributary Spawners	Sediment	Big River	Enforce all County rules pertaining to small landowners along Big River. Specifically, zoning laws, critical areas ordinances, development in the 100-year floodplain and/or CMZ.	H#11 (TSH)	H#13 (WQ)	
PA#25	Tributary Spawners	Sediment	Big River	Enforce state laws restricting cattle access to rivers to protect WQ.	H#11 (TSH)	H#13 (WQ)	
PA#6	Tributary Spawners	Riparian	Big River	Implement FFA and State Lands HCP, including RMAPs.	H#11 (TSH)	H#13 (WQ)	

Table D-2. Summary of broad scale actions and their linkage to recovery models, watershed processes, locations, and primary and secondary limiting factor hypotheses.

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#1	Hydrology	Coal Creek	Implement rigorous sediment reduction and retention program designed to reduce coarse and fine sediment delivery to the Ozette River.	H#3 (Q)	H#2 (WQ) H#3 (Q)

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#2	Hydrology	Big River	Where interest exists, purchase full riparian conservation easements to reestablish riparian zones along Big River and allow natural flooding to take place.	H#15 (Q)	H#3 (Q)
BSA#3	Sediment	Ozette River Sub-Basin	Within the Coal Creek sub-basin, quantitatively assess sediment production impacts from logging (gully creation, debris flows, landslides), road building, and LWD removal. Develop program to eliminate and/or reduce land use related sediment inputs at the site level.	H#2 (WQ)	H#1 (Pred) H#3 (Q) H#4 (Hab)
BSA#4	Sediment	Ozette River Sub-Basin	Where interest and funding exists, purchase entire sub-watershed and restore back to old-growth, unroaded conditions.	H#2 (WQ)	H#1 (Pred) H#3 (Q) H#4 (Hab)
BSA#5	Sediment	Ozette River Sub-Basin	Reconnect floodplains by reintroducing LWD to all tributaries to improve floodplain connectivity and sediment deposition / storage.	H#2 (WQ)	H#1 (Pred) H#3 (Q) H#4 (Hab)
BSA#6	Hydrology	Priority II and III Sub-Basins	Where interest and funding exists, purchase entire sub-watersheds within Ozette and restore back to old-growth unroaded conditions.	H#6 (BSH), H#9 (LL)	H#8 (WQ), H#10 (Comp)
BSA#7	Hydrology	Priority II and III Sub-Basins	Restore or improve permanent vegetative hydrologic maturity (>40 years old) throughout watershed.	H#6 (BSH), H#9 (LL)	H#8 (WQ), H#10 (Comp)

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#8	Hydrology	Priority II and III Sub-Basins	Remove and/or disconnect hydrologically connected road systems via road decommissioning (full removal), abundant road cross-drain installation, and adequate culvert sizes at tributary crossings to ensure passage of LWD, sediment and water at the 100 yr RI flood.	H#6 (BSH), H#9 (LL)	H#8 (WQ), H#10 (Comp)
BSA#9	Hydrology	Priority II and III Sub-Basins	Plant or under-plant conifer riparian forests in fields and disturbed hardwood zones.	H#6 (BSH), H#9 (LL)	H#8 (WQ), H#10 (Comp)
BSA#10	Hydrology	Priority II and III Sub-Basins	Reconnect floodplains by reintroducing LWD to all tributaries to improve floodplain connectivity, water retention, and peak flow attenuation.	H#6 (BSH), H#9 (LL)	H#8 (WQ), H#10 (Comp)
BSA#11	Sediment	Priority II Sub-Basins	Where interest and funding exist, purchase entire sub-watersheds and restore back to old-growth, unroaded conditions.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#12	Sediment	Priority II Sub-Basins	Within priority II sub-basins, quantitatively assess sediment production impacts from logging (gully creation, debris flows, landslides), road building, and LWD removal. Develop program to eliminate and/or reduce land use related sediment inputs at the site level. Examples include: Where stream-adjacent roads have been built, decommission these roads or pull back side-cast fill and overburden or install cross-drains so as to eliminate sediment delivery. Where old road culverts have created gullies or debris flows on hillslopes below road drainage structures, fully disconnect upslope road drainage and use engineered LWD structures to fill gullies and slow accelerated water runoff rates through these features.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)
BSA#13	Sediment	Priority II Sub-Basins	Reconnect floodplains in Priority II Sub-Basin by reintroducing LWD to all tributaries to improve floodplain connectivity and sediment deposition/storage.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)
BSA#14	Sediment	Priority II Sub-Basins	Plant or under-plant conifer riparian forests in fields and disturbed hardwood zones to increase bank rooting strength, increase hydrologic roughness, and aid in sediment storage / deposition.	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)
BSA#15	Sediment	Priority II Sub-Basins	Eradicate non-native plants (i.e., knotweed) in the riparian zone and replace with native species more effective at protecting soil / banks (i.e., conifers).	H#6 (BSH), H#8 (WQ)	H#7 (Pred), H#10 (Comp)

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#16	Vegetation	Lake Ozette	Conduct a high resolution, detailed survey of the lake shoreline and riparian zone, documenting non-native plant species. Develop program to eliminate non-native, invasive plant species.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)
BSA#17	Biological	Umbrella Beach	Develop comprehensive program to restore beach spawning habitat at Umbrella Beach (in addition to Umbrella Creek recovery efforts). Upon habitat recovery, implement an experimental sockeye re-introduction program.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)
BSA#18	Biological	Lake Ozette	Identify other potential sockeye beach spawning habitats and attempt re-introducing sockeye salmon in conjunction with habitat and watershed process rehabilitation efforts.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)
BSA#6	Hydrology	Big River and Umbrella Creek	Where interest and funding exist, purchase entire sub-watersheds within Ozette and restore back to old-growth unroaded conditions.	H#15 (Q)	H#12 (Stab)
BSA#7	Hydrology	Big River and Umbrella Creek	Restore or improve permanent vegetative hydrologic maturity (>40 years old) throughout watershed.	H#15 (Q)	H#12 (Stab)
BSA#8	Hydrology	Big River and Umbrella Creek	Remove and/or disconnect hydrologically connected road systems via road decommissioning (full removal), abundant road cross-drain installation, and adequate culvert sizes at tributary crossings to ensure passage of LWD, sediment, and water at the 100 yr RI flood.	H#15 (Q)	H#12 (Stab)

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#9	Hydrology	Big River and Umbrella Creek	Plant or under-plant conifer riparian forests in fields and disturbed hardwood zones.	H#15 (Q)	H#12 (Stab)
BSA#10	Hydrology	Big River and Umbrella Creek	Reconnect floodplains by reintroducing LWD to all tributaries to improve floodplain connectivity, water retention, and peak flow attenuation.	H#15 (Q)	H#12 (Stab)
BSA#11	Sediment	Big River and Umbrella Creek	Where interest and funding exist, purchase entire sub-watersheds and restore back to old-growth, unroaded conditions.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)
BSA#14	Sediment	Big River and Umbrella Creek	Plant or under-plant conifer riparian forests in fields and disturbed hardwood zones to increase bank rooting strength, increase hydrologic roughness, and aid in sediment storage / deposition.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)

Broad Scale Action	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
BSA#19	Sediment	Big River and Umbrella Creek	Within the sockeye spawning tributaries, quantitatively assess sediment production impacts from logging (gully creation, debris flows, landslides), road building, and LWD removal. Develop program to eliminate and/or reduce land use related sediment inputs at the site level. Examples include: Where stream-adjacent roads have been built, decommission these roads or pull back side-cast fill and overburden or install cross-drains so as to eliminate sediment delivery. Where old road culverts have created gullies or debris flows on hillslopes below road drainage structures, fully disconnect upslope road drainage and use engineered LWD structures to fill gullies and slow accelerated water runoff rates through these features.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)
BSA#20	Sediment	Big River and Umbrella Creek	Reconnect floodplains in sockeye spawning tributaries by reintroducing LWD to all tributaries to improve floodplain connectivity and sediment deposition/storage.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)
BSA#21	Sediment	Big River	Fence riparian areas to keep cattle out of Big River sockeye spawning reaches.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)
BSA#22	Sediment	Big River	Reconnect floodplains and stabilize raw eroding banks by reintroducing LWD to improve floodplain connectivity, sediment storage, water retention, and peak flow attenuation.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)

Table D-3. Summary of site-specific actions their linkage to recovery models, watershed processes, locations, and primary and secondary limiting factor hypotheses.

Site-Specific Actions	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
SSA#1	Hydrology	Ozette River	As recommended by modeling results, add LWD to the Ozette River to restore natural hydraulic backwater condition and maintain the natural range of variability of lake levels.	H#3 (Q)	H#1 (Pred)
SSA#2	Hydrology	All Tribs	Remove or relocate floodplain roads and bank armoring (exact site locations to come).	H#11 (TSH)	H#12 (Stab)
SSA#3	Sediment	Ozette River Sub-Basin	Pave lower Seafield main line road (lower ¼-mile).	H#2 (WQ)	H#3 (Q)
SSA#4	Sediment	Ozette River Sub-Basin	Utilize the results of sub-basin scale sediment budgets (see broad-scale actions) to define the relative contribution of different sediment sources and target specific sites for restoration activities.	H#2 (WQ)	H#3 (Q) H#4 (Hab)
SSA#5	Riparian/Floodplain	Ozette River	Plant native tree species along the right bank of the Ozette River from the boat ramp, downstream 3,000 feet. Establish a 1 SPTH riparian forest where feasible. Maintain planting until trees are well established.	H#4 (Hab)	H#1 (Pred) H#2 (WQ) H#3 (Q)
SSA#6	Biological	Ozette River, Ozette River Estuary, and Nearshore	Encourage Makah Tribe to reinstate ceremonial and subsistence hunting of seals and sea lions at the Ozette River mouth near the traditional Ozette Village, consistent with applicable law.	H#1 (Pred)	NA
SSA#7	Biological	Ozette River	Re-introduce LWD into the Ozette River so as to prevent/block/hinder seal migrations into Lake Ozette and provide cover for migrating Ozette sockeye to avoid predation.	H#1 (Pred)	H#2 (WQ) H#3 (Q) H#4 (Hab)

Site-Specific Actions	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
SSA#8	Biological	Ozette River	Modify sockeye adult enumeration techniques at the Ozette River weir so as to reduce any predation mortality on adult and juvenile sockeye.	H#1 (Pred)	NA
SSA#9	Biological	Lake Ozette and Ozette River	Create an annual fishing derby or incentive program for large-mouth bass (exotic) with a goal of reducing or eliminating their population. Create regulations for fishery that will limit take of other species besides bass.	H#1 (Pred)	NA
SSA#10	LWD Habitat Conditions	Ozette River	In conjunction with hydrologic and hydraulic process recovery action efforts and seal migration efforts, place LWD structures in the Ozette River to enhance habitat complexity.	H#4 (Hab)	H#1 (Pred) H#3 (Q) H#? (EST)
SSA#11	Sediment	Priority II Sub-Basins	Use the results of sub-basin scale sediment budgets (see broad-scale actions) to define the relative contribution of different sediment sources and target specific sites for restoration activities.	H#6 (BSH), H#8 (WQ)	NA
SSA#12	Vegetation	Lake Ozette	Within Lake Ozette, implement non-native vegetation eradication at sites identified in assessment.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)
SSA#13	Vegetation	All Tribs	Within Lake Ozette tributaries, eradicate non-native vegetation.	H#6 (BSH)	H#7 (Pred), H#10 (Comp)
SSA#6	Biological	Ozette River, Ozette River Estuary, and Nearshore	Encourage Makah Tribe to reinstate ceremonial and subsistence hunting of seals and sea lions at the Ozette River mouth near the traditional Ozette Village, consistent with applicable law.	H#7 (Pred)	H#6 (BSH)
SSA#7	Biological	Ozette River	Re-introduce LWD into the Ozette River so as to prevent/block/hinder seal migrations into Lake Ozette and provide cover for migrating Ozette sockeye to avoid predation.	H#7 (Pred)	H#6 (BSH)

Site-Specific Actions	Watershed Process	Location	Description of Action	Primary Hypothesis Addressed	Secondary Hypothesis Addressed
SSA#16	Biological	Olsen's and Allen's Beaches	Initiate seal removal efforts on sockeye spawning beaches. Might include trapping, relocation, or lethal removal.	H#7 (Pred)	H#6 (BSH)
SSA#17	Hydrology	Big River	Relocate county road where road affects floodplain connectivity.	H#15 (Q)	H#12 (Stab)
SSA#18	Hydrology	Big River	Plant or under-plant conifer riparian forests in fields and disturbed hardwood zones.	H#15 (Q)	H#12 (Stab)
SSA#19	Hydrology	Big River	Where interest exists, purchase full riparian conservation easements to reestablish riparian zones along Big River and allow natural flooding to take place.	H#15 (Q)	H#12 (Stab)
SSA#17	Sediment	Big River	Relocate county road where road affects floodplain connectivity.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)
SSA#18	Sediment	Big River	Plant or under-plant conifer riparian forests in fields and disturbed hardwood zones.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)
SSA#19	Sediment	Big River	Where interest exists, purchase full riparian conservation easements to reestablish riparian zones along Big River and allow natural flooding to take place.	H#11 (TSH)	H#12 (Stab), H#13 (WQ), H#15 (Q), H#16 (HP)